TEXAS AIRPORT SYSTEM PLANNING

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What is the Texas Airport System Plan?

- Documentation of required facilities
- Basis for detailed airport planning
- Link between the NPIAS, Regional Plans & Master Plans
- FAA AC 150/5070-7 "Airport System Planning"

Planning Relationships

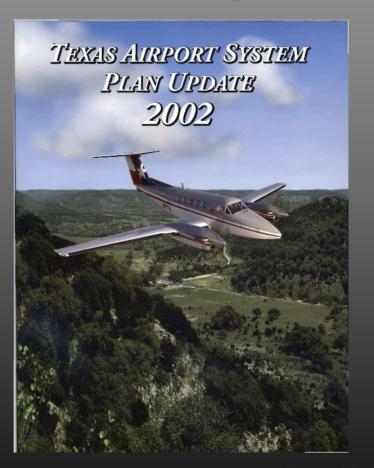NPIAS

Texas Airport System Plan

Airport Master Plans

Texas's Role in Airport System Planning

- Planning
- Funding
- Implementation

TEXAS AIRPORT SYSTEM
PLAN UPDATE
2002

What does the Texas Airport System Plan Do?

- Provides justification for the NPIAS
- Provides basis for coordinated planning
- Indicates aviation role
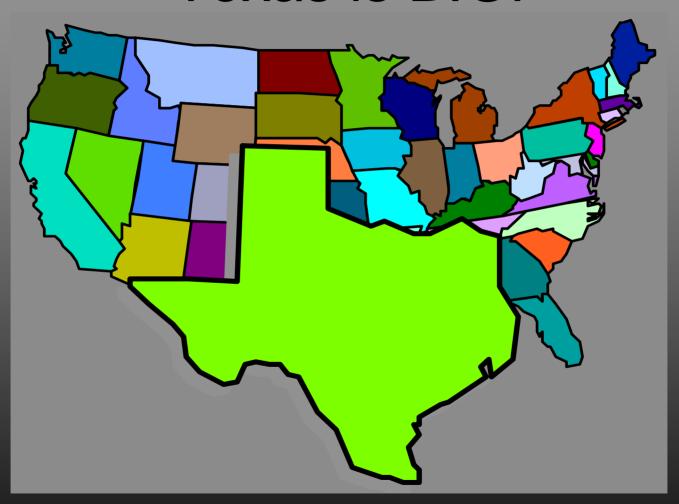- Identifies locations, types, sizes of airport facilities

What does the Texas Airport System Plan Provide?

- Information, direction & policy guidance
- Present & future role of airports
- Activity forecasts
- Basis for CIP and funding allocation

Importance of the Texas Airport System

- Link to national transportation system
- Connects rural & urban populations
- Provides 784,000 jobs
- Generates $49 billion annually

Texas is BIG!

Texas Airport System Plan Goals

- Adequate access by air
- Timely development
- Economic benefits
- Integration of other modes
- Minimize environmental impacts
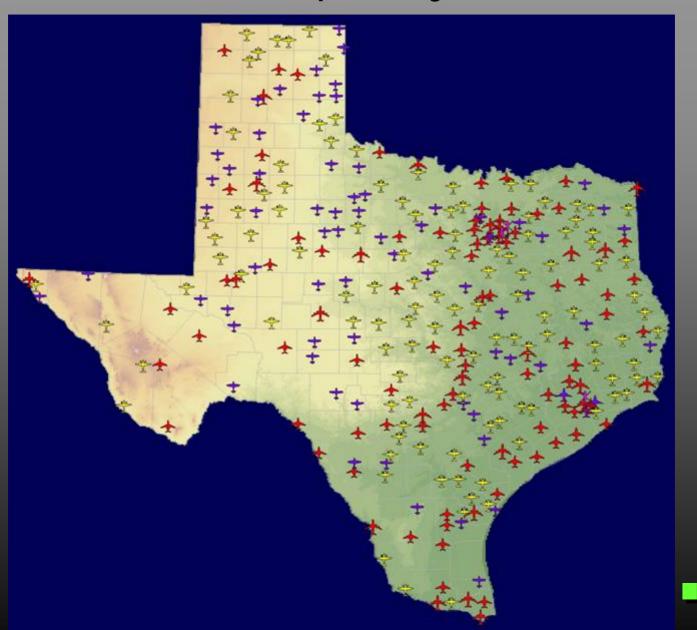
Texas Airport System Plan Objectives

- Commercial Service within 60 minutes of urban areas

- Business jet access within 30 minutes of population & mineral resource centers

- Piston aircraft access within 30 minutes of agricultural resource centers

What is the Texas Airport System?

- 300 Airports & 3 Heliports
  - 26 Primary Commercial Service
  - 1 Non-Primary Commercial Service
  - 25 Relievers
  - 248 General Aviation Non-Relievers
  - 3 Heliports

Texas Airport System

Airport Roles

- Commercial Service (Primary & Non-Primary)
- GA Relievers
- GA Business/Corporate
- GA Community Service
- GA Basic Service

Airport Roles

- Commercial Service

Airport Roles

- GA Relievers

Airport Roles

- GA Business/Corporate

Airport Roles

- GA Community Service

Airport Roles

- **GA Basic Service**
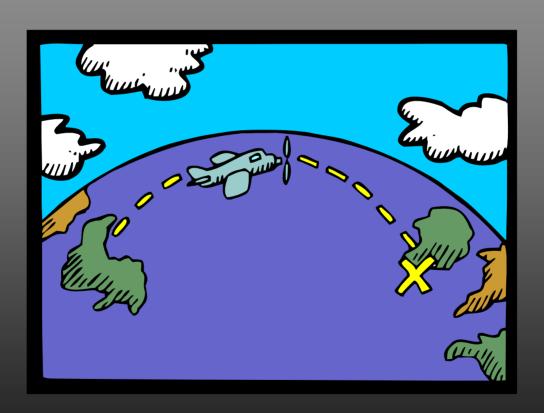
Functional Categories

- Commercial
- Reliever
- Multipurpose
- Industrial

- Agricultural
- Special
- Remote
- Access

How Did I Get Here?

Airport Design Standards

- Based on ARC & approach visibility minimums
- Runway length, width & strength
- Separations
- Land requirements
- Lighting requirements
- Approaches

Airport Amenities

- **Associated with Role & Design Standard**
  - Terminal
  - Fuel facilities
  - Aircraft storage
- **Limited funding eligibility**

Development Worksheets

- Airport description
- Development based on system role & design standards
- Unconstrained airport needs
- 3 time frames

Development Worksheets

Development Worksheets

Regional Planning Meetings

- One-third of the System annually
- Meet with airport sponsors & elected officials
- Discuss airport needs
- Update Development Worksheets
- Discuss TxDOT Aviation services

Capital Improvement Program

- Outgrowth of Texas Airport System Plan
- Constrained by available funding
- Regularly updated
- Reflects current priorities of the system plan

Texas Airport System Planning Process

- Integrated and continuous
- Realistic, implementable & flexible
- Direct, open communication
- Solution-oriented & pragmatic
- Interactive
- Balances community values & priorities with aviation & economic development needs

PLANNING

MUCH WORK REMAINS TO BE DONE BEFORE WE CAN ANNOUNCE
OUR TOTAL FAILURE TO MAKE ANY PROGRESS.